

# PATENT ABSTRACTS OF JAPAN

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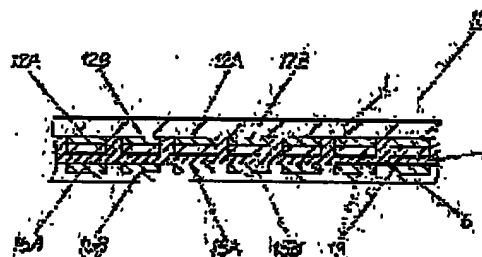
(54) EL ELEMENT AND LIGHTING DEVICE USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an EL element and lighting device using the same used for various electronic devices with few lowering of brightness, capable of lighting for long period.

SOLUTION: An EL element 10 is structured by making translucent electrode layers 12A, 12B and back side electrode layers 15A, 15B engage with each other with a prescribed distance, and forming a plurality of comb-teeth-shaped layers to the lower surface of a translucent base material 1. The lighting device is structured so that a control means 11 switches the voltage impression to a plurality of layers of the EL element 10 one after the other with a prescribed interval. By the above, the lighting device with few lowering of brightness and capable of lighting for long period can be obtained.

1 基板  
2 透明電極層  
3 絶縁層  
4 電極層  
5 透明電極層  
12A, 12B 半透明電極層  
15 電極層  
15A, 15B 半透明電極層



## LEGAL STATUS

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